

The Heterodyne

Newsletter of the West Valley Amateur Radio Association

January Meeting

***K9W DXpedition
to Wake Atoll***

By John Miller, K6MM

**Wednesday, January 10
Meeting Starts at 7pm**

Meeting Location:
American Red Cross,
Silicon Valley Chapter
2731 N. First Street at Plumeria Dr
(southwest corner) in San Jose

WVARA Repeaters (W6PIY)		
Band	Frequency	PL
6 Meters	52.580- MHz	151.4 Hz
2 Meters	147.39+ MHz	151.4 Hz
1.25 Meters	223.96- MHz	156.7 Hz
0.70 Meter	441.35+ MHz	88.5 Hz
0.23 Meter	1286.2- MHz	100 Hz

Club Net

WVARA's club net is on the W6PIY repeaters each Tuesday at 8:30 pm. All repeaters are linked together during the net. The net script can be found at www.wvara.org/net.html.

Visitors Are Welcome!

President's Letter

A new year dawns on WVARA, and I must start by thanking Bill for all that he has given to the club – his time, effort, and energy. I hope we remain the lucky recipients of his continued involvement. I also hope to be worthy of the shoes I am filling. I must then thank all of you for entrusting me to move our club forward. Over these last few years, each of you has inspired me in some way, and now I hope to return that favor.

While the year is young, it is probably a good time to consider what we want to do this time around. What new activities, adventures, technologies, and ideas will we investigate? What will we continue to do, and do with gusto? What was fun while it lasted, but now needs to be a part of our past? I invite each of you to reach out at any time to help me better understand your interests so I can make sure the club is doing its job to create an environment for everyone to do what they love.

From my point of view, I can think of three things that summarize my view of what the club should consider: Activities, Technologies, and Involvement.

1. **Activities** such as the ARRL International Grid Chase and SOTA are two yearlong exam-



ples of things many of you have shown a keen interest in. Field Day is just plain amazing, followed by a few stalwarts. Others are up for debate.

2. **Technologies** such as digital HF modes and IP connectivity are two examples of things where some of the crew are well versed and others are just starting. Part of ham radio is curiosity, and another part is teaching.

3. **Involvement** with people outside of our group is an important part of what ham radio is about. We should reach out to other ham groups, organizations, and our communities. The annual banquet is a great example, but there are many other opportunities.

How we engage with the above defines us more than any other: We are here to have fun and to give everyone a chance to enjoy the hobby that brings us all together.

73, Bobby K0XI

FARS Annual Winter Banquet - January 19, 2018

We have been invited to join the Foothill Amateur Radio Society (FARS) for their annual winter banquet on **Friday, January 19, 2018** at Michael's restaurant in Shoreline park. Many WVARA members attended the event last year and had a lot of fun.

The speaker, Mike Adams, has been a radio personality and film maker. Currently he is professor emeritus of radio, television, and film at San Jose State University.

\$1,500 in raffle prizes will be given away. The banquet is open to all hams and significant others.

The FARS web site has a banquet page at <http://www.fars.k6ya.org/events/banquet>. Signups can be either online, using Paypal/credit card, or by USPS mail. ***All sign-ups should be received by 6:00 PM on January 15th. Mailed sign-ups should be posted by January 12th to be received on time.***

Meeting Topic
K9W DXpedition to Wake Atoll
By John Miller, K6MM



It's time for our first WVARA meeting of 2018. Please join us this Wednesday (Jan 10th) at 7pm in Meeting Room 5 at the Silicon Valley Chapter of the American Red Cross, 2731 N. First Street at Plumeria Drive (southwest corner) in San Jose. Most of us come in through the side entrance on the southwest side of the building — look for our red WVARA sign on the side where they park all the Red Cross trucks. Cookies will be served, and of course, visitors are welcome!

If you haven't been to the Red Cross, "talk-in" is usually available on the Association's repeaters, normally 2m/220 are good choices.

A few of us usually meet for dinner a block down the street around 6 pm prior to the meeting, and anyone is welcome to join. We'll try to mix the pre-meeting restaurant up a bit this year, but we'll start with <https://www.yelp.com/biz/dish-n-dash-san-jose>.

John Miller will be talking to us about the 2013 K9W DXpedition to Wake Atoll. John has been on many DXpeditions and always tells an awesome story.

John's Bio:

John was first licensed as WV2BQJ in 1958 while living in Syracuse, NY. In 1976, John's career took him to Silicon Valley, where he reconnected with amateur radio in the late 90s. In addition to his own website, he has created websites for a number of amateur radio organizations.

For the last decade, John has focused heavily on DXing, contesting, and recruiting new operators into the hobby.

John is a member of ARRL, INDEXA, MLDXCC, NCDXC, and PAARA. He is Past-President of the Northern California Contest Club, a Director of the Northern California DX Club, a founding member of the CW Operators' Club, a member of the editorial staff of the National Contest Journal, and a Director of the Northern California DX Foundation.

<http://www.qrz.com/db/K6MM>

Hope to see you there!
Bill Fehring, W9KKN

2017 New Year's Eve 6M Opening by Bill Frantz, AE6JV

I was checking out my K3 after making some modifications to the shack setup and decided to check operation on all the bands. I used WSJT-X in FT8 mode since I could find stations on most bands in that mode. As I went up in frequency from 17M, I was still seeing stations. I made some QSOs on 17M and decided to try 12M. I made some QSOs there and tried 10M. After making a couple of QSOs on 10M I tried 6M. For the first time trying 6M, I saw some activity. Since I hadn't yet made any 6M QSOs in FT8, I quickly answered some CQs. When I saw VE2XK and managed a QSO, I sent messages to the WVARA and NCDXC email reflectors.

Note that my 6M setup is quite modest. I used 100W into a 160M center fed dipole at about 36 feet with a tuner. A quick cocoaNEC model shows lots of spikes with a major lobe going east/west at about 20 degrees elevation.

When the dust settled, I had logged 12 contacts as follows. Note that the sent and received columns are in dB below the noise floor. All QSOs had LotW confirmation as of 2230z January 2, 2018.

Call	Grid	Sent	Rcvd	Date	Timeon	Timoff	Freq
W6BSD	CM87	-08	-10	20171231	221945	222045	50.314614
K7VZ	DM33	+01	+11	20171231	223300	223415	50.314529
AA5PR	DM65	-09	-15	20171231	223630	223745	50.314529
AI6KG	CM87	-08	-03	20171231	224930	225030	50.314064
KK6ZHK	CM97	+10	-03	20171231	230715	230815	50.313867
VE2XK	FN07	-07	-15	20171231	231000	231100	50.314982
AC6BW	CM97	+20	+07	20171231	231430	231530	50.314892
N5OK	EM15	-14	-24	20171231	232300	232400	50.314912
K7HLN	DN36	+00	04	20171231	233630	233745	50.314099
KJ6SDF	CM87	-20	-17	20171231	234100	234215	50.314099
WC6YJ	CM97	+20	+09	20171231	234930	235030	50.314615
KO6LU	CM87	-03	-10	20171231	235630	235730	50.314064

WVARA Net Check-Ins (W6PIY)					
Tuesdays at 8:30 PM					
Call Sign	Name	12/12/17	12/19/17	12/26/17	01/02/18
Total		13	9	11	14
AE6JV	Bill	X		X	
AF6AE	Bill		X	X	X
AG6YO	Kevin	X			
AI6NT	Henry	X			
K0XI	Bobby				X
KC6ZKT	Steve	X		X	X
KE6MT	Rex				X
KE6ZOV	Scott	X			
KF6EMB	Svend	X			X
KI6SLX	Peri	X		X	
KJ6WH	Brian	X	X		
KJ6ZZI	Michael	X	X	X	X
KK6HPF	Ross			X	X
KK6VF	Kevin	NET	NET		NET
KM6GVO	Eric				X
N6CPR	Trent				X
N6FYR	Matt	X	X	X	X
N6KZV	Jeff				X
N9CU	Andy	X			
W6ESL	Tom		X	X	
W6IA	Mark		X	X	X
W6PK	Phil			X	
W9KKN	Bill		X		
WB6KHP	Dave	X	X	NET	X

Treasurer's Report for Dec 2017

Submitted by WVARA Treasurer, Peri Frantz KI6SLX

The attached Activity Report (equivalent to a profit & loss report for a for-profit business) shows what we did in December. Not much apart from collecting 2018 dues, paying NARCC dues and paying Celeste for decorating the Holiday Party. Speaking of which, if you weren't there you missed a good one. Great decorations, lots of good food, camaraderie and great door prizes. The more eagle-eyed among you may notice that the mug sales, collected at the party are not shown. Recording them has been deferred to January, along with some unpaid expenses. If you ordered a mug and have not paid yet, please do so at the January meeting. Also, if you have not paid your dues yet, please do so. A full year report with comparison to budget will be available for the BOD meeting on Jan. 17, and will be reprinted in the February Heterodyne.

It's been a good year. As the attached Position Report (equivalent to a for-profit balance sheet) shows, we ended the year with total assets of 12,051.24, up from 9,810.83 at the beginning of the year. Total Assets is the sum of all our money accounts - Petty Cash, Checking, Savings, & PayPal. This increase includes 2018 dues collected in 2017, as well as some 2017 dues. However since some 2017 dues were collected and recorded in 2016, and we will begin collecting 2019 dues in late 2018, it will all even out over time.

Peri Frantz, KI6SLX
WVARA Treasurer
treasurer@wvara.org

WVARA	Report Generated	01/06/18
Statement of Activity		
December 2017		
	<u>TOTAL</u>	
Income		
4200 — Misc. Income		
4210 — Mug Sales		12.00
4200 — Misc. Income - Other		0.04
Total 4200 — Misc. Income		<u>12.04</u>
4800 — Donations		2.00
4100 — Program Income		
4110 — Membership Dues		
4114 — Fam. Repeater (\$18)		18.00
4113 — Fam. Assn. (\$20)		20.00
4112 — Indiv. Repeater (12)		48.00
4111 — Indiv. Assn. (\$15)		75.00
Total 4110 — Membership Dues		<u>161.00</u>
Total 4100 — Program Income		<u>161.00</u>
Total Income		<u>175.04</u>
Expense		
5500 — Program Expenses		
6000 — Repeater Expenses		
6200 — NARCC dues		20.00
Total 6000 — Repeater Expenses		<u>20.00</u>
Total 5500 — Program Expenses		<u>20.00</u>
5200 — Membership Expenses		
5230 — Holiday Party		22.76
Total 5200 — Membership Expenses		<u>22.76</u>
5100 — Administrative Expenses		
5110 — Finance Fees Paid		7.17
Total 5100 — Administrative Expenses		<u>7.17</u>
Total Expense		<u>49.93</u>
Net Income		<u>125.11</u>

WVARA
Statement of Position
As of December 31, 2017

Report Generated 01/06/18

	<u>Dec 31, '17</u>
ASSETS	
Current Assets	
Checking/Savings	
1000 — Financial Accounts	
1900 — Cash	
1910 — Petty Cash	140.23
Total 1900 — Cash	140.23
1200 — Savings; BotW	4,495.38
1300 — Paypal	2,631.85
1100 — Checking; BotW	4,783.78
Total 1000 — Financial Accounts	12,051.24
Total Checking/Savings	12,051.24
Total Current Assets	12,051.24
TOTAL ASSETS	12,051.24
LIABILITIES & EQUITY	
Equity	
3300 — Unrestricted Net Assets	
3320 — Repeater Balance	2,593.70
3900 — Retained Earnings	0.04
3310 — Associaton Balance	7,237.13
Total 3300 — Unrestricted Net Assets	9,830.87
Net Income	2,220.37
Total Equity	12,051.24
TOTAL LIABILITIES & EQUITY	12,051.24

2018 West Valley Amateur Radio Association Board

President: Bobby Barnett, K0XI
Vice President: Bill Fehring, W9KKN
Secretary: Jon Kelley, K6WV
Treasurer: Peri Frantz, KI6SLX
Directors:
Bill Frantz, AE6JV, Outgoing President
Jim Peterson, K6EI, 2017-2018
Svend Jensen, KF6EMB, 2017-2018
Kevin Smith, KK6VF, 2017-2018
Chuck Kamas, AD6CL, 2018-2019
John Glass, NU6P, 2018-2019
Dave Schultheis, WB6KHP, 2018-2019

The Heterodyne is published monthly by the West Valley Amateur Radio Association and sent to all club members via the web. Please obtain permission from the author to re-publish any article in this publication.

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